

IN THE CLAIMS:

1-3 (cancelled).

4. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a discarding device arranged on a circumferential surface of the cover, the cover being designed as a non-magnetic hollow cylinder that conveys the incoming carrier particles in an axial direction relative to the cover; and

~~The device according to claim 3 wherein~~ a groove on the cover running in an axial direction is provided as said discarding device.

5. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover;

a discarding device arranged on a circumferential surface of the cover, the cover being designed as a non-magnetic hollow cylinder that conveys the incoming carrier particles in an axial direction relative to the cover; and

~~The device according to claim 3 wherein an elevation on the cover running in an axial direction of the cover is provided as said discarding device.~~

6. (cancelled)

7. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover; and

~~The device according to claim 1 wherein a first spiral according to a type of right-handed thread is arranged on the cover, and a second spiral according to a type of left-handed thread is arranged on the cover, a discarding device being arranged in an area in which the first spiral and the second spiral meet.~~

8-11 (cancelled)

12. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover; and

~~The device according to claim 1 wherein at least one of a direct voltage and an alternating voltage is acting along the cover whose electrical field effects the toner particles.~~

13. (original) The device according to claim 12 wherein the direct voltage is overlaid by the alternating voltage.

14. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover; and

~~The device according to claim 1 wherein the cover is being coated with anti-adhesive material in order to ease removal of deposited toner particles.~~

15-16 (cancelled)

17. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover;

the device being a developer station in a printer or copier; and

~~The device according to claim 16 wherein the cover is being arranged at a distance of an air gap near a surface of an applicator roller coated with a mixture made of toner particles and magnetizable carrier particles.~~

18. (currently amended) A device for lifting magnetizable carrier particles, comprising:

a collecting element having a cover which is rotatable around a stationary stator;

the stator comprises at least one magnet having a pole arranged relative to the cover such that the magnet's magnetic field attracts ferromagnetic carrier particles that are located on a carrier at a distance of an air gap;

a surface of the cover comprises at least one screw-thread-like spiral which, given rotation of the cover, moves the carrier particles in an axial direction relative to the cover; and

~~The device according to claim 1 wherein the cover is being arranged opposite an intermediate carrier ribbon as said carrier which carries a mixture made of toner particles and magnetizable carrier particles, and where an said air gap exists between the cover and the mixture.~~

19-22 (cancelled)

23. (currently amended) A method for lifting magnetizable carrier particles, comprising the steps of:

rotating a cover of a collecting element around a stationary stator, and wherein the stator comprises at least one magnet having a pole arranged approximately radial to the cover and a magnetic field which attracts ferromagnetic carrier particles located on a carrier at a distance of an air gap;

providing a surface of the cover with at least one screw-thread like spiral so that, given rotation of the cover, the carrier particles move in an axial direction relative to the cover;

a discarding device being arranged on a circumferential surface of the cover designed as a non-magnetic hollow cylinder that conveys incoming carrier particles in an axial direction relative to the cover; and

~~The method according to claim 21 wherein a first spiral according to a type of right-handed thread is being arranged on the cover, and a second spiral according to a type of left-handed thread is being arranged on the cover, and wherein the discarding device is being arranged in an area in which the first spiral and the second spiral meet.~~

24-27 (cancelled).

28. (currently amended) A method for lifting magnetizable carrier particles, comprising the steps of:

rotating a cover of a collecting element around a stationary stator, and
wherein the stator comprises at least one magnet having a pole arranged
approximately radial to the cover and a magnetic field which attracts ferromagnetic
carrier particles located on a carrier at a distance of an air gap;

providing a surface of the cover with at least one screw-thread like spiral so
that, given rotation of the cover, the carrier particles move in an axial direction
relative to the cover; and

~~The method according to claim 19 wherein the cover is being arranged~~
opposite an intermediate carrier ribbon as said carrier which carries a mixture made
of toner particles and magnetizable carrier particles, ~~an~~ said air gap being provided
between the cover and the mixture.

29-30 (cancelled).